

**1.1. Product identifier**

Raku Glazes - RAK1, RAK2, RAK4, RAK5, RAK6, RAK7

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of the substance/mixture**

Manufacture of ceramic coatings suited for firing ceramics.

**1.3. Details of the supplier of the safety data sheet**

Simba Materials Limited

Doncaster

Unit 7-8

Broomhouse Lane Industrial Estate

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(01395) 233077

Admin@ctmspotterssupplies.co.uk

**1.3. Emergency telephone number**

(01709) 770801 Office Hours Only

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

The preparation is not dangerous in the sense of Directive 1999/45/EC.

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].

**2.2. Label elements**

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Chemical characterization**

Mixture of mineral oxides and inorganic pigments.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Remove contaminated or saturated clothing.

**After inhalation**

Take affected persons out into the fresh air.

**After contact with skin**

Precautionally wash off with soap and water.

**After contact with eyes**

Precautionally wash off with soap and water.

**After ingestion**

In the event of symptoms refer for medical treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

#### Extinguishing media which must not be used for safety reasons

none known

### 5.2. Special hazards arising from the substance or mixture

none known

### 5.3. Advice for firefighters

Employ protective equipment commonly used in the event of fire.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Provide adequate ventilation. Avoid generation of dust.

### 6.2. Environmental precautions

Prevent penetration into stretches of water and drainage systems.

### 6.3. Methods and material for containment and cleaning up

Pick up mechanically and collect in a suitable container. Avoid formation of dust.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid production of dust. Do not breathe dust. Open windows to ensure natural ventilation.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

No special storage conditions are necessary.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

Observe general dust limit MAK (A = respirable fraction): 3 mg/m<sup>3</sup>.

### 8.2. Exposure controls

#### Protective and hygiene measures

Do not breathe dust. Wash hands before breaks and after work.

#### Hand protection

Wear protective gloves made of the following materials: NBR (Nitrile rubber).

#### Eye protection

Dust protection goggles.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Powder
Colour:	RAK1/2 White/Clear, RAK4 Yellow, RAK5 Green, RAK6 Red, RAK7 Grey/Blue
Odour:	odourless

### Test method changes in the physical state

Melting point:

Flash point:

No data available

not applicable

Water solubility: not determine

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

Stable under recommended storage conditions.

### **10.2. Chemical stability**

No decomposition if stored normally.

### **10.3. Possibility of hazardous reactions**

none known

### **10.4. Conditions to avoid**

No dangerous reaction known under conditions of normal use.

### **10.5. Incompatible materials**

none known

### **10.6. Hazardous decomposition products**

none known

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute toxicity**

none known

#### **Irritation and corrosivity**

Powder can cause localised skin irritation in folds of the skin or under tight clothing.

#### **Sensitising effects**

none known

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

none known

### **12.2. Persistence and degradability**

Poorly watersoluble, inorganic product. Can be mechanically precipitated to a large extent in biological sewage plants.

### **12.3. Bioaccumulative potential**

No data available

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Advice on disposal**

Dispose of waste according to applicable legislation.

## **SECTION 14: Transport information**

### **Other applicable information**

Not a hazardous material with respect to transportation regulations.

## **SECTION 15: Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **National regulatory information**

Water contaminating class (D): Not water contaminating

## **SECTION 16: Other information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.